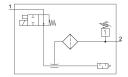
Vacuum generator OVEM-10-H-B-QO-ON-N-2P Part number: 538830

FESTO





Data sheet

Feature	Value
Nominal size, Laval nozzle	0.95 mm
Grid dimension	20 mm
Silencer design	Open
Mounting position	optional
Ejector characteristic	High vacuum Standard
Grade of filtration	40 µm
Manual override	Non-detenting Additionally via operating buttons
Integrated function	Electric on-off valve Filter Open silencer Vacuum switch
Design	Modular
Short circuit current rating	yes
Measured variable	Relative pressure
Measuring principle	Piezoresistive
Switching element function	N/C contact N/O contact
Switching function	Window comparator Threshold value comparator
Valve function	Open
Reverse polarity protection	For all electrical connections
Standard switching input	IEC 61131-2
Display type	4-place alphanumeric Back-lit LCD
Indicating range	-0.999 bar0 bar
Displayable units	bar
Setting range hysteresis	-0.9 bar0 bar
Setting options	Via display and keys
Switching position indicator	LCD
Switching status indication	Optical
Setting range threshold value	-0.999 bar0 bar
Operating pressure	2 bar8 bar

Operating pressure for max. vacuum 3.5 bar Max. yacuum 93 % Nominal operating pressure 6 bar Max. suction flow rate against atmosphere 19.5 J/min Air supply time at nominal operating pressure 1.2 s Operational voltage range DC 20.4 V27.6 V Duty cycle 100% Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higl Overload protection Available Approval RCM trademark CE mark (see declaration of conformity) To UK Instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Cubricated operation not possible Corrosion resistance class CRC 2 · Modrate corrosion stress LABS (PWIS) conformity VDM2A364 zone III Media temperature 0 °C50 °C Relative air humidity 5 -85 % Sound pressure level at nominal operating pressure <th></th>	
Nominal operating pressure 6 bar Max. suction flow rate against atmosphere 19.5 l/min Air supply time at nominal operating pressure 1.2 s Operational voltage range DC 20.4 V27.6 V Duty cycle 100% Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higi Overload protection Available Approval RCM trademark c UL us listed (OL) KC KC mark KC-EMV CE marking (see declaration of conformity) To EU EMC Directive CE marking (see declaration of conformity) To UK instructions for EMC Operating medium Cubricated operation not possible Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 · 85 % <td< td=""><td></td></td<>	
Max. suction flow rate against atmosphere 19.5 l/min Air supply time at nominal operating pressure 1.2 s Operational voltage range DC 20.4 V27.6 V Duty cycle 100% Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higl Overload protection Available Approval RCM trademark C UL us listed (OL) KC mark KC mark KC-EMV CE mark (see declaration of conformity) To LU Kinstructions for EMC Operating medium Compressed air to ISO 357-31:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65	
Air supply time at nominal operating pressure 1.2 s Operational voltage range DC 20.4 V27.6 V Duty cycle 100% Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 100 mA Off-state current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higi Overload protection Available Approval RCM trademark c U us listed (OL) KC mark KC mark KC-FMV CE mark (see declaration of conformity) To EU EMC Directive CE marking (see declaration of conformity) To UK instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 · Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity S - 85 % Sound pressure level at nominal operating pressure 7	
Operational voltage range DC 20.4 V27.6 V Duty cycle 100% Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 0.1 mA Off-state current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higi Overload protection Available Approval RCM trademark CL us listed (OI) KC Emark KC mark KC-EMV CE mark (see declaration of conformity) To EU EMC Directive CE mark (see declaration of conformity) To EU EMC Directive CG mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To UK instructions for EMC Operating medium Lubricated operation not possible <td< td=""><td></td></td<>	
Operational voltage range DC 20.4 V27.6 V Duty cycle 100% Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 0.1 mA Off-state current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higi Overload protection Available Approval RCM trademark CL us listed (OL) KC mark KC mark (see declaration of conformity) To EU EMC Directive CE mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To EU EMC Directive Corporessed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Cubricated operation on possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65 Protection class III <tr< td=""><td></td></tr<>	
Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 100 mA Off-state current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higi Overload protection Available Approval RCM trademark CL us listed (0L) KC-EMV CE mark (see declaration of conformity) To EU EMC Directive CE mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To UK instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65 Protection class III Ambient temperature <t< td=""><td></td></t<>	
Inductive protective circuit Adapted to MZ, MY, ME coils No-load supply current 70 mA Max. output current 100 mA Off-state current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higi Overload protection Available Approval RCM trademark CL us listed (0L) KC-EMV CE mark (see declaration of conformity) To EU EMC Directive CE mark (see declaration of conformity) To EU EMC Directive Ce mark (see declaration of conformity) To UK instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65 Protection class III Ambient temperature <t< td=""><td></td></t<>	
No-load supply current70 mAMax. output current100 mAOff-state current0.1 mASwitching output2xPNPVoltage drop1.5 VCharacteristic coil data24 V DC: low-current phase 0.3 W, higlOverload protectionAvailableApprovalRCM trademark c UL us listed (OL)KC markKC-EMVCE mark (see declaration of conformity)To EU EMC DirectiveCE mark (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010[7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS8-6%Switching values FS0.6 %Switching values FS0.6 %S	
Max. output current 100 mA Off-state current 0.1 mA Switching output 2xPNP Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higl Overload protection Available Approval RCM trademark c UL us listed (OL) KC mark KC mark KC-EMV CE mark (see declaration of conformity) To EU EMC Directive CE marking (see declaration of conformity) To UK instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65 Protection class III Ambient temperature 0 °C50 °C Max. tightening torque 2.8 Nm with fremale thread 2.5 Nm with fromale thread 2.5 Nm with fremale thread	
Off-state0.1 mASwitching output2xPNPVoltage drop1.5 VCharacteristic coil data24 V DC: low-current phase 0.3 W, higlOverload protectionAvailableApprovalRCM trademark c UL us listed (OL)KC markKC-EMVCE mark (see declaration of conformity)To EU EMC DirectiveCE marking (see declaration of conformity)To EU EMC DirectiveOperating mediumCompressed air to ISO 8573-1:2010 [7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 bar Accuracy in ± % FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higl Overload protection Available Approval RCM trademark c UL us listed (QL) KC mark KC-EMV CE mark (see declaration of conformity) To EU EMC Directive CE marking (see declaration of conformity) To UK instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65 Protection class III Ambient temperature 0 °C50 °C Max. tightening torque 0.8 Nm with through-hole Product weight 330 g Pressure measuring range -1 bar0 bar Accuracy in ± % FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection<	
Voltage drop 1.5 V Characteristic coil data 24 V DC: low-current phase 0.3 W, higl Overload protection Available Approval RCM trademark c UL us listed (QL) KC mark KC-EMV CE mark (see declaration of conformity) To EU EMC Directive CE marking (see declaration of conformity) To UK instructions for EMC Operating medium Compressed air to ISO 8573-1:2010 [7 Note on operating and pilot medium Lubricated operation not possible Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364 zone III Media temperature 0 °C50 °C Relative air humidity 5 - 85 % Sound pressure level at nominal operating pressure 73 dB(A) Degree of protection IP65 Protection class III Ambient temperature 0 °C50 °C Max. tightening torque 0.8 Nm with through-hole Product weight 330 g Pressure measuring range -1 bar0 bar Accuracy in ± % FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection<	
Characteristic coil data24 V DC: low-current phase 0.3 W, higiOverload protectionAvailableApprovalRCM trademark c UL us listed (OL)KC markKC-EMVCE mark (see declaration of conformity)To EU EMC DirectiveCE marking (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010 [7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWitt through-hole	
Overload protectionAvailableApprovalRCM trademark c UL us listed (OL)KC markKC-EMVCE mark (see declaration of conformity)To EU EMC DirectiveCE marking (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010[7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
ApprovalRCM trademark c UL us listed (OL)KC markKC-EMVCE mark (see declaration of conformity)To EU EMC DirectiveCE marking (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010 [7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Cc UL us listed (OL)KC markKC-EMVCE mark (see declaration of conformity)To EU EMC DirectiveCE marking (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010 [7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M1221 PlugsType of mountingWith through-hole	
CE mark (see declaration of conformity)To EU EMC DirectiveCE marking (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010 [7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
CE marking (see declaration of conformity)To UK instructions for EMCOperating mediumCompressed air to ISO 8573-1:2010 [7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS9.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Operating mediumCompressed air to ISO 8573-1:2010[7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Operating mediumCompressed air to ISO 8573-1:2010[7Note on operating and pilot mediumLubricated operation not possibleCorrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Corrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	:4:4]
Corrosion resistance class CRC2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	-
LABS (PWIS) conformityVDMA24364 zone IIIMedia temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Media temperature0 °C50 °CRelative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Relative air humidity5 - 85 %Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Sound pressure level at nominal operating pressure73 dB(A)Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Degree of protectionIP65Protection classIIIAmbient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Protection class III Ambient temperature 0 °C50 °C Max. tightening torque 0.8 Nm with female thread Product weight 330 g Pressure measuring range -1 bar0 bar Accuracy in ± % FS 3 %FS Reproducibility of switching values FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
Ambient temperature0 °C50 °CMax. tightening torque0.8 Nm with female thread 2.5 Nm with through-holeProduct weight330 gPressure measuring range-1 bar0 barAccuracy in ± % FS3 %FSReproducibility of switching values FS0.6 %Switching logic for inputsPNP (positive switching)Electrical connection5-pin M12x1 PlugsType of mountingWith through-hole	
Max. tightening torque 0.8 Nm with female thread 2.5 Nm with through-hole Product weight 330 g Pressure measuring range -1 bar0 bar Accuracy in ± % FS 3 %FS Reproducibility of switching values FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
2.5 Nm with through-hole Product weight 330 g Pressure measuring range -1 bar0 bar Accuracy in ± % FS 3 %FS Reproducibility of switching values FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
Pressure measuring range -1 bar0 bar Accuracy in ± % FS 3 %FS Reproducibility of switching values FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
Accuracy in ± % FS 3 %FS Reproducibility of switching values FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
Reproducibility of switching values FS 0.6 % Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
Switching logic for inputs PNP (positive switching) Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
Electrical connection 5-pin M12x1 Plugs Type of mounting With through-hole	
M12x1 Plugs Type of mounting With through-hole	
Plugs Type of mounting With through-hole	
Type of mounting With through-hole	
With accessories	
Pneumatic connection, port 1 QS-8	
Pneumatic connection, port 3 Integrated silencer	
Vacuum connection QS-8	
Note on materials RoHS-compliant	
Material seals NBR	
Material receiver nozzle POM	
Material filter Fabric	
PA Sintered steel	
Sintered steel	
Material filter housing PA-reinforced	
Material housing Die-cast aluminium PA-reinforced	

Feature	Value
Material silencer	Wrought aluminium alloy PU foam
Material screws	Steel
Material screen	РА
Material connector housing	Nickel-plated brass
Material electrical contact	Gold-plated brass
Material pins	Steel
Material transmitter nozzle	Wrought aluminium alloy
Material keypad	TPE-U
Material fitting	Nickel-plated brass